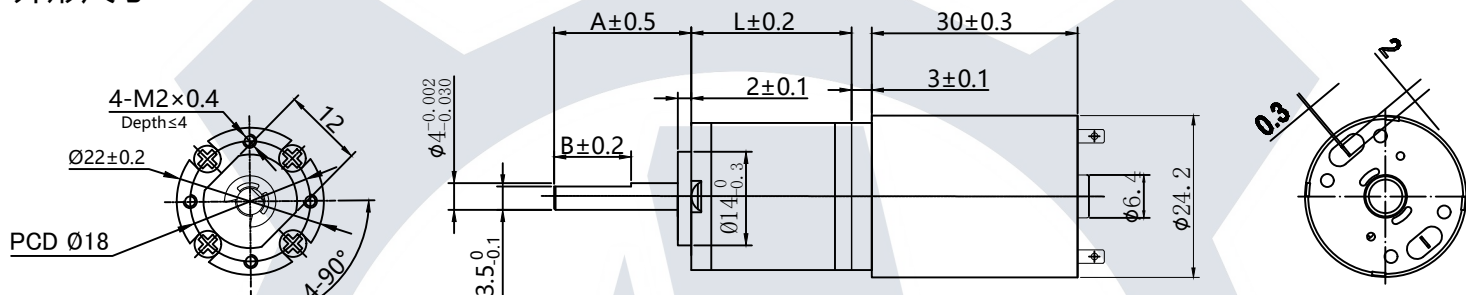


FAPG22-370



| Number of stages | 1 | 2 | 3 | 4 | 5 |
|-------------------------|-------------------------------|------------|-----------------|------------------------------|------------------------|
| Reduction Ratio(i) | 4, 5 | 16, 19, 23 | 64, 76, 90, 107 | 256, 304, 361, 428, 509, 688 | 1024, 1216, 1444, 1715 |
| Gearbox Length L (mm) | 13.3 | 16.8 | 20.3 | 23.8 | 27.3 |
| Shaft length A (mm) | Length and shape customizable | | | | |
| Breaking Torque(kgf.cm) | 3.0 | 4.5 | 9.5 | 15.5 | 20 |
| Gearbox Efficiency | 80% | 70% | 60% | 50% | 40% |

外形尺寸 DIMENSION



UNIT: MILLIMETERS

直流行星减速电机参数 PLANETARY GEARED MICRO DC MOTOR SPECS (voltage, current, torque, etc free customization)

| 电压 Voltage | 减速比 Gear Ratio | 1/4 | 1/5 | 1/16 | 1/19 | 1/23 | 1/64 | 1/76 | 1/90 | 1/107 | 1/256 | 1/304 | 1/361 | 1/509 |
|---------------|--|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12V | 额定扭力 kgf.cm Rated Torque | 0.16 | 0.20 | 0.57 | 0.68 | 0.82 | 1.96 | 2.33 | 2.75 | 3.27 | 6.53 | 7.75 | 9.21 | 12.98 |
| | 额定转速 RPM Rated Speed | 1825 | 1460 | 456 | 384 | 317 | 114 | 96 | 81 | 68 | 29 | 24 | 20 | 14 |
| | 瞬间容许扭力 kgf.cm Max Allowable Moment Torque | 3.0 | 3.0 | 6.0 | 6.0 | 6.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| | 空载转速 RPM No Load Speed | 2368 | 1894.4 | 592.0 | 498.5 | 411.8 | 148.0 | 124.6 | 105.2 | 88.5 | 37.0 | 31.2 | 26.2 | 18.6 |
| 24V | 额定扭力 kgf.cm Rated Torque | 0.19 | 0.24 | 0.67 | 0.80 | 0.97 | 2.30 | 2.74 | 3.24 | 3.85 | 7.68 | 9.12 | 10.83 | 15.27 |
| | 额定转速 RPM Rated Speed | 2375 | 1900 | 594 | 500 | 413 | 148 | 125 | 106 | 89 | 37 | 31 | 26 | 19 |
| | 瞬间容许扭力 kgf.cm Max Allowable Moment Torque | 3.0 | 3.0 | 6.0 | 6.0 | 6.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| | 空载转速 RPM No Load Speed | 3000.0 | 2400.0 | 750.0 | 631.6 | 521.7 | 187.5 | 157.9 | 133.3 | 112.1 | 46.9 | 39.5 | 33.2 | 23.6 |

电机参数 MICRO DC MOTOR SPECS (voltage, current, torque, etc free customization)

| 型号 Model | 额定电压 Rated Voltage | 空载 No Load | | 额定负载 RATED LOAD | | | | | 堵转 Stall | |
|--------------|-----------------------|-------------|---------------|-----------------|---------------|--------------|----------------|------------------|--------------|---------------|
| | | 转速 Speed | 电流 Current | 转速 Speed | 电流 Current | 扭矩 Torque | 输出功率 Output | 效率 Efficiency | 扭矩 Torque | 电流 Current |
| | VDC | RPM | A | RPM | A | gf.cm | W | % | gf.cm | A |
| RK-370CH-12V | 12 | 9472 | 0.14 | 7300 | 0.55 | 51 | 3.8 | 57.9 | 220 | 1.9 |
| RK-370CH-24V | 24 | 12000 | 0.11 | 9500 | 0.415 | 60 | 5.9 | 58.8 | 270 | 1.57 |